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TITLE

Individualized Language Arts -- Diagnosis,

Prescription, Evaluation. An ESEA Title III Project

Prospectus: 70-014.

INSTITUTION

Weehawken Board of Education, N.J.

PUB DATE

NOTE

[72]

EDRS PRICE DESCRIPTORS

MF-\$0.76 HC-\$1.95 PLUS POSTAGE

*Diagnostic Teaching; | *Individualized Instruction;

Individualized Programs; Language Arts; Language Development; Language Enrichment; Linguistics;

*Teaching Methods; *Writing Skills

IDENTIFIERS

*Elementary Secondary Education Act Title III; ESEA Title III; Individualized Language Arts Project; New

Jersey: Weehawken

ABSTRACT

The staff of the Individualized Language Arts Diagnosis, Prescription, and Evaluation Project, a funded ESEA Title III program, has developed methods based on a diagnostic-teaching framework designed to analyze students, writing skills for grades. 1-12. The program structure also provides teachers with methodology for developing and reinforcing other language skills. The project is stated to be oriented toward discovery, and its techniques suitable for many groups, graded or non-graded classes, and various classroom, . organizations. Rationale, guidelines, activities, procedures, strategies, specific examples, and results are provided. The curricular techniques employed by the program are considered transferable to other schools, with particular relevance for those districts consisting of large numbers of disadvantaged children whose language needs are believed to be especially critical. Contact persons furnishing additional information about the project are cited. (AM)

INDIVIDUALIZED LANGUAGE

diagnosis

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evaluation

ESEA Title III Project: 70 014

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DR. RICHARD E. ONOREVOLE, Superintendent of Schools

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DUALIZED LANGUAGE ARTS

— diagnosis
— prescription
— evaluation

ESEA Title III Project: 70-014

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The development and dissemination of individualized Language Arts are a cooperative effort of the Office of Program Development, Division of Research, Planning, and Evaluation/Field Services, New Jersey Department of Education and the Weehawken Public Schools.

Individualized Language Arts has been validated by the standards and guidelines of the United States Office of Education as innovative, successful, costeffective, and exportable. The program has been endorsed for national dissemination by the Dissemination Review Panel, U.S. Office of Education. As a result, the project is funded as a demonstration site to offer dissemination materials and services to educators.

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The State Department of Education wishes to bring to the attention of educators certain Projects which have become operative in the state with the aid of ESEA Title III. These Projects have been evaluated as substantially meeting the objectives of finding solutions to educational problems. The material on such a Project should have relevance for many school districts.

Fred & Burke

Dr. Fred G. Burke Commissioner of Education



To the pupils—and teachers of Weehawken

What is our Rationale?

Linguistics, or the study of language, provides knowledge which can be translated into techniques for improving selected aspects of writing instruction. These techniques can be blended with a language-experience approach, so that the language, feelings, and ideas of pupils can be used to promote motivation, precision, and control. Furthermore, such instruction utilizes writing activities in all parts of the curriculum, and can be organized within a diagnostic-teaching framework. Teachers and pupils can thus have continuous diagnosis of the writing, prescription of relevant methodology, and evaluation of results.

In general, this rationale provides for helping to meet pupils' important personal writing needs. Simultaneously, it offers a structure so that teachers may have guidelines, procedures, strategies, and many specific examples of how to teach writing. Other language skills—such as speaking, listening, and reading—are also developed and reinforced. Our approach is basically one of discovery. It can be used with either graded or non-graded classes. It can be employed with almost any kind of classroom organization.

Our rationale includes the expectation that pupils' language can be a powerful springboard for learning Language Arts skills. However, these skills are acquired in such a way that positive attitudes and understandings are promoted. These, in turn, generate and reinforce further skill development. Thus, a curriculum balance is struck between the ideas, feelings, and attitudes of the pupils and the acquisition of the writing skills necessary for success in life. Our program is intended to encourage growth: increasing self-confidence and positive achievement on the part of the children who are being helped to become better writers.



What is our Overview?

Authorities in the Language Arts agree that educators need to develop more effective methods of analyzing students' writing, and to prescribe and apply individualized instructional techniques in order to promote greater writing facility. Our Project, Individualized Language Arts Diagnosis, Prescription, and Evaluation, was designed to meet this critical need.

The pupils' writing development is traced by three samples, taken at three intervals during the year. The evaluation of the samples is based on criteria suggested by relevant Language Arts experimentation and by the Weehawken teachers. The evaluation pinpoints each pupil's current strengths and needs.

A prescriptive program which emphasizes the integration of subject areas is used in our Project. The program utilizes an individualized approach. Writing instruction is related to speaking, listening, and reading activities, as well as to the pupils ideas and feelings.

The program is used in grades I-I2. The target population is highly mobile and includes many Spanish-speaking youngsters. The methods and materials in this program were developed cooperatively by the Project staff, Weehawken administrators and faculty members, and the pupils themselves.





What kinds of results have we seen?

In 1970-71, a statistical evaluation revealed that the writing skills of the children in our Project had definitely improved in certain ways.

We matched the youngsters in our third and sixth grades with children in the same grades in a nearby community which is very similar to Weehawken but whose schools use traditional methods of teaching Composition. We had both groups of children write and rewrite compositions on topics of their own choosing, but with no special help from teachers, at the beginning, middle, and end of the school year. Then we examined random samples of these compositions, looking for growth in terms of eleven criteria.

Five of the criteria were adapted from the work of Dr. Kellogg Hunt of Florida State University, a nationally-renowned expert in Language Arts research who has shown how the syntax in children's writing changes with maturation. The remaining criteria came from the Weehawken teachers themselves, who were using the compositions for their own diagnoses of the children's Individual strengths and needs in writing. These criteria represented what the teachers considered to be the major needs of the Weehawken children as a whole, at the opening of the year.

At the start of the evaluation, we made a total of 44 predictions about the outcome. They proved to be between 85 and 90 percent correct.





The statistics showed that the Weehawken children were now writing longer, richer, and more varied sentences. A simple or complex sentence, or an independent clause inside a compound sentence, is what Dr. Hunt calls a "T-unit." He has discovered that average number of words per T-unit is the most significant score in correlating children's writing ability with grade level. On this vital score our sixth-graders registered a gain of over 45 percent in a single year, which put them well ahead of both the control-group children and the youngsters whom Hunt himself had studied. The Weehawken children were also writing longer dependent clauses. They were using more series of words and of word-groups, to convey greater amounts of information. They were moving parts of their sentences around to a larger extent, to vary their writing style and give better emphasis to the most important words and phrases.

Above all, our children tended to write a higher proportion of complex and compound sentences, and fewer simple sentences, as the year went by. The ability to combine simple sentences into complex and compound sentences is one of the surest signs of growth in writing. This ability showed itself even at the third-grade level; and it was accompanied by a petter grasp of punctuation and of correct spelling, in most cases.

Actually, the statistics disclosed that the Weehawken children had progressed in three ways: They had gained longitudinally, with respect to most of the criteria, during the year. They had also shown considerably greater improvement than the control-group children taught by the traditional methods. And finally, they had scored far better on the relevant criteria than the youngsters in Hunt's research population. (This last point is especially impressive, since the young writers whom Hunt studied were native-born middle-class children in a Laboratory School at Florida State University, while the Weehawken children included a sizable number with Hispanic backgrounds.)

A follow-up statistical evaluation in 1971-72 indicated that these same Weehawken children generally continued to show improvement in their writing.

The compositions themselves, both in 1970-71 and again the next year, also showed growth in important aspects of writing which cannot be measured. The children's vocabulary, for instance, was rich and varied, and impressive for its maturity even in the lower elementary grades. It was also well organized; the stories revealed a clear sense of purpose and sequence.

After these two successive years of evaluation, we can now say with assurance that it is feasible, at minimal cost, to train classroom teachers to diagnose children's writing needs and prescribe techniques which can be used every day to meet those needs—with resu'ts much better than are being obtained in school systems which still rely on traditional methods of Language Arts instruction.

We can also assert by now that our techniques are definitely transferable to other schools—even inner-city schools where children's language needs are especially critical. For example, after our techniques were adopted by a Newark school with large numbers of Black and Hispanic children, a dramatic improvement was noticeable very soon in the youngsters' writing skills. For three years in a row, these children came out better on evaluations than control-group classes in the same school. But our techniques have worked successfully in suburban and rural schools, also, according to teachers who have tried them out in such schools.



What basic guidelines have we followed in the teaching of writing?

The teaching of writing should

be specifically related to the pupils' needs, purposes, interests, ideas, and feelings as much, as possible;

be preceded by oral work;

utilize the pupils own language, their own vocabularies, their own sentences and other structures;

be developed through a process of dicovery, coupled with reinforcement, in a variety cr situations meaningful to the pupils themselves;

be applied as an integral part of the regular classroom work in each content area in the elementary school, and as an integral part of all English teaching in the high school;

be concerned both with "turning on" the pupils -- motivating them, encouraging them to be imaginative -- and with helping them to develop stylistic competence;

be accompanied by constant on-going evaluation by the teacher - diagnosing the children's needs, and prescribing specific techniques to meet their needs.

What are some of the pupils' important persona needs that we have helped them meet through wr

An individual may need to write to express his own feelings or attitudes:

To express joy or happiness or gratitude

To voice his wonder or curiosity or compas

To provide an outlet for anger or hostilit

To verbalize anxieties or worries

An individual may need to write to communicate with other human beings:

To express friendship or personal interest.

To express an opinion or to editorialize

To advance an idea or a theory or an explain to describe an event or an incident.

To give or request information.

To apply for a job and to fulfill job request.

Since we live in a literate society, it is essential that all pupils be helped to write degree of competence commensurate with their abilities.



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What are some activities that our teachers husing to motivate pupils to want to write?

For pupils to <u>want</u> to write, the activities must be purposeful and satisfying "Canned" busy-work topics, or extrinsic motivation, will not succeed for long.

A few of the large variety of activities which our teachers have employed to stimulate pupils to want to write are:

Field trips (even if just around the school or neighborhood)"

Discussions of common experiences and feelings and/or current relevant topics and issues

Personal reactions to films or TV broadcasts, literature, drama assembly programs, music, art, architecture, sculpture

Scripts for plays, student-made movies, special programs

Class logs, diaries, literary annuals

School or class newspapers

Letters to servicemen, absent classmates, parents; friends

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What procedure do our teachers follow in mak each diagnosis?

First, each child submits a writing sample with which he is satisfied.

Then the teacher reads through the class set of papers, without a marking get a general overview of the writing competence of her pupils.

Using a Diagnostic Grid Sheet, the teacher reads each paper a second time on the Diagnostic Grid Sheet the specific needs of each child.

Having done this, she sets priorities on the basis of the greatest needs of taking into consideration the age, maturity, and interests of her pupils.

What is a Diagnostic Grid Sheet, and how is devised?

The Diagnostic Grid Sheet is simply a convenient and efficient means for rethe teacher's diagnosis. It is devised on the basis of objectives and needs identified atively by teachers and pupils, and can be used flexibly to best suit a teacher's institute purposes.



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What procedures do our teachers follow in planning their prescriptive activities?

Keeping in mind the major writing needs that she has identified, the teatechniques which will help the children to meet these needs. Usually, she can select a number of different techniques to cope with any one need, and so she also keeps the her class in mind in picking the techniques she wants to use.

She deals with the highest-priority needs first. When future composition the children have learned how to meet their most obvious needs, she begins to attack lesser seriousness, and chooses new techniques accordingly.

How can the teacher and pupils be sure they applying the techniques?

As she teaches each technique to the class, starting with weil-motivated positions and then helping the children to carry out the technique on their individuations, the teacher works cooperatively with the children in making up a Writing Check is a list of simply worded questions or directions which the children use to remind to use the techniques during every writing activity. The checklist is cumulative. It up gradually as the teacher and pupils move from the original high-priority needs to less seriousness. When the teacher works with individual, pupils to improve their comporting work with each other, they refer to specific items on the Checklist for evaluand recommendations.



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Is there a suggested general sequence of tec for teaching pupils how to improve their wri

Our teachers have experimented with the following developmental pattern and found it su

- I. Begin with an experience or topic of interest.
- 2. Plan the composition with a short, informal outline.
- Write a first draft.
- 4. Improve the draft in any or all of these ways:

Slotting for descriptive words
noun clusters
verbal phrases
appositives
prepositional phrases

Expanding sentences with short modifiers duplication (series of words and word-group clauses

Reconstructing sentences with movability inversion passive voice embedding

Varying types of sentences: interrogative exclamatory imperative

5. (Optional) Extend the original composition by expansion by paragraph or by further outlining.

New words that have come up in slotting or expanding can be reinforced (along with impospelling or reading words) on future compositions through sentence synthesis.



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What provisions have we made for on-going di prescription, and evaluation of pupils' prog

A cumulative folder is kept for each child and, at the end of the year, is to the next teacher. Each year, three dated writing samples are added to the folder, a are kept for a period of three years so that the teacher can analyze the growth made by pupil. Each June, pupils are encouraged to rewrite an earlier composition (written the September), incorporating the new skills they have acquired. The pupils also have free their folders so that they may be continuously aware of their growth and improvement.

The diagnostic procedure is repeated three times throughout the year. The (mid-year) diagnosis shows the teacher how much progress the children have made, so that can re-order her priorities for the rest of the year. The year-end diagnosis gives the a record of the progress made throughout the year, and of any continuing needs that sho brought to the attention of the children's next teacher the following year.

How much time should be devoted to writing each day?

No precise time limits can be set in the elementary school. As a general there should be some original writing every day in the content areas of the curriculum. Instructional lessons, designed to meet specific needs as identified by the teacher, wi according to grade level and the maturity of the pupils. The actual time is not as imperiodically.

Similar principles apply on the secondary level. Writing assignments shou flexible in length, topic, and frequency, and should relate students' interests to the of the English curriculum. Periodic diagnosis, planning, and evaluation of results are important for the high school teacher as for the elementary teacher.

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How were our own teachers trained and provid with continuing help?

Summer and school-term workshops were held to acquaint new teachers with the and to give experienced teachers the opportunity to share ideas and discuss procedures egies. In addition, consultant help was available from two college professors, the Ele Supervisor, the head of the high school English department, and principals.

Each teacher was provided with a Manual of techniques which contained explain procedures, and many actual examples gathered from classroom teachers. This Manual is revised on the basis of teachers' evaluations and suggestions. It is expected that the will be available for general distribution at low per-copy cost by the end of this school





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What are the requisites, and cost, for introcthis program into other school systems?

First, there must be an awareness of the values of teaching writing, and an ment of the current curriculum. After needs have been identified, teachers and administ must work cooperatively to find ways to meet specific needs.

Training and follow-up supervision of teachers is essential. Provision need made for continuing help, encouragement, and support. However, the cost of incorporating program into any existing curriculum is minimal. It depends almost entirely upon whateve consultants' fees, supervisor (or supervisors) salary, and stipends for teachers' attend at workshops are agreed upon by the individual school system. Costs for materials (file duplicating paper, and the previously-mentioned Teachers Manual) can probably be absorbe present budgets.

What about textbooks and workbooks?

Even though a school system has an adopted textbook or other materials for the ing of English-Language Arts, it can easily incorporate our system of writing instruction its existing curriculum. However, the classroom teacher who knows her pupils and their can design a meaningful, on-going program far superior to any textbook or workbook exercithat were mass-produced for a large general population. Furthermore, the inductive appropriate that the pupils themselves should have a part in devising their own curriculum, according to their own felt needs.



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For further information about our Project, you are cordially invited to contact the Project To

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